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FIG. 1

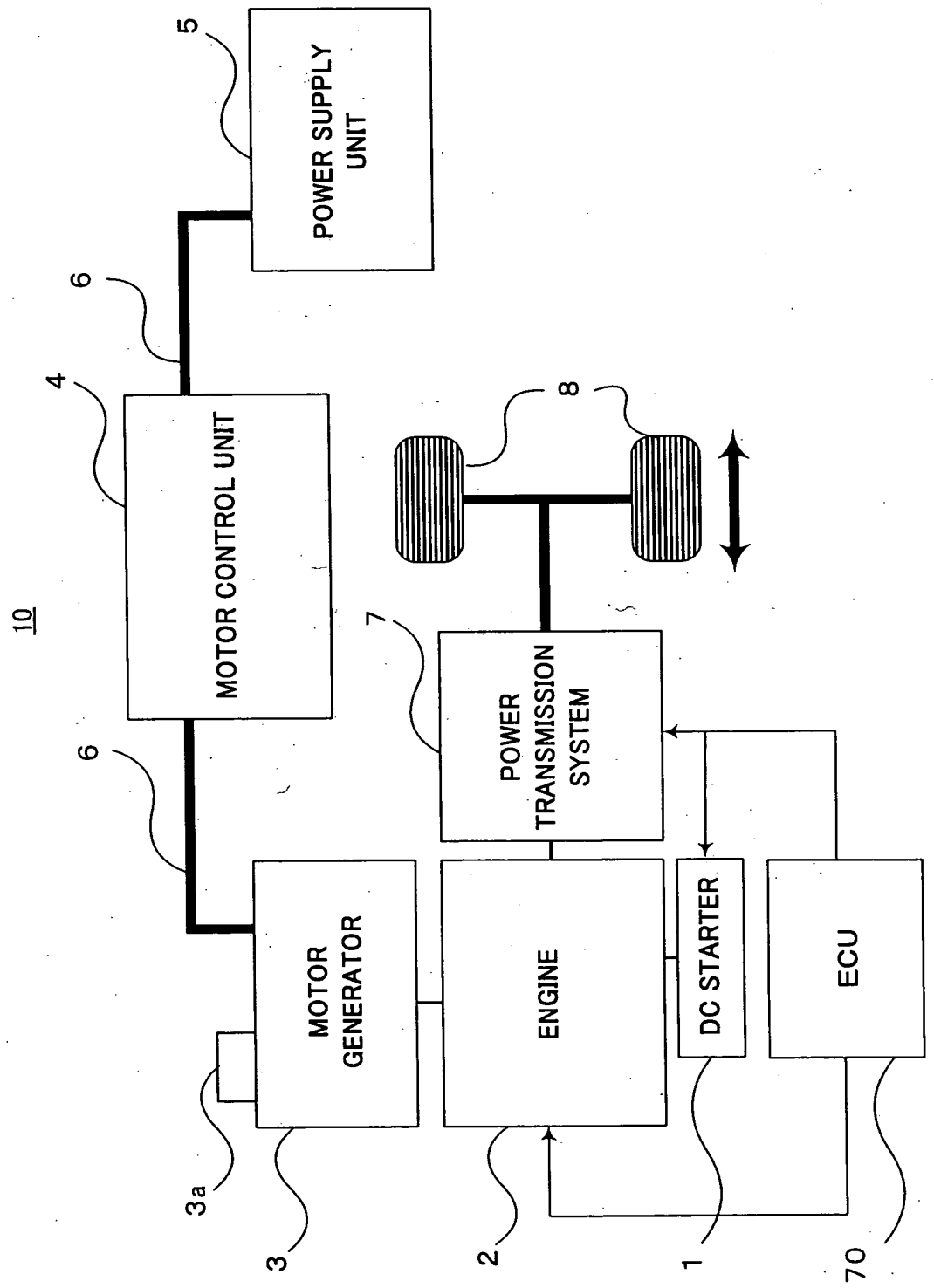


FIG. 2

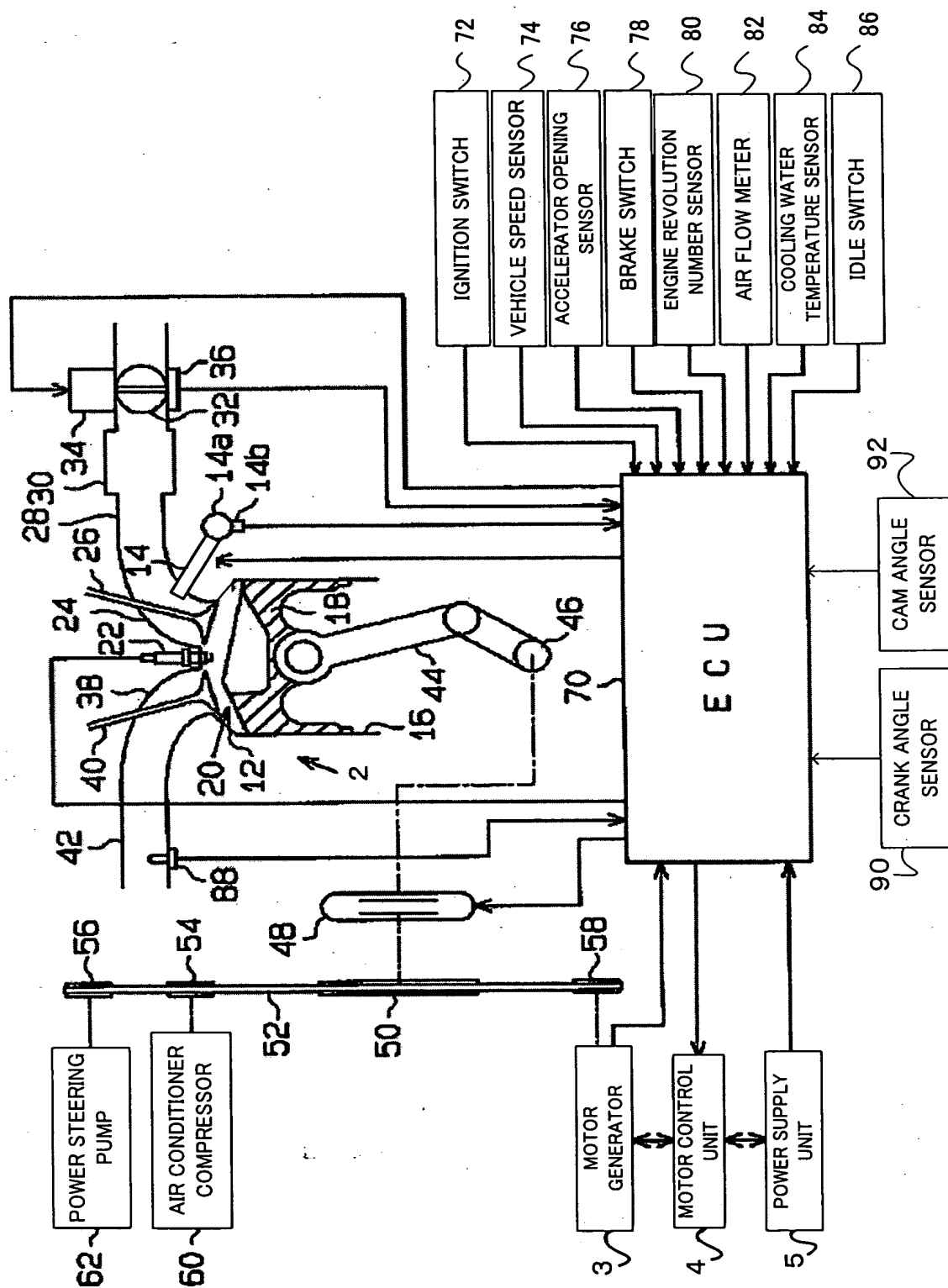


FIG. 3

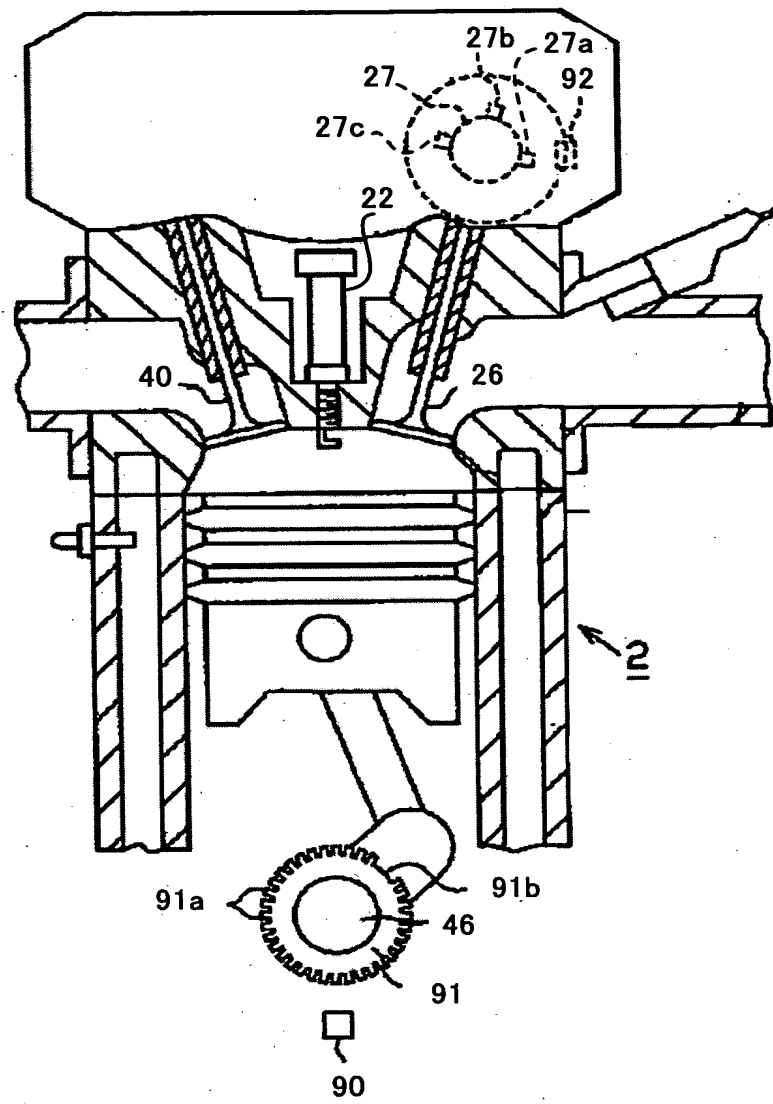


FIG. 4A

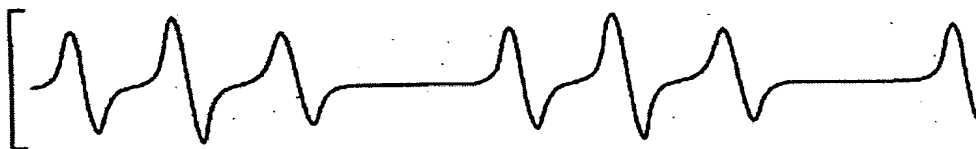


FIG. 4B



FIG. 4C

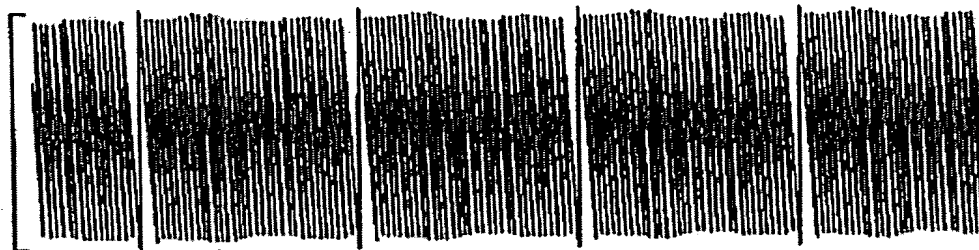


FIG. 4D

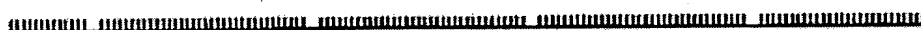


FIG. 5

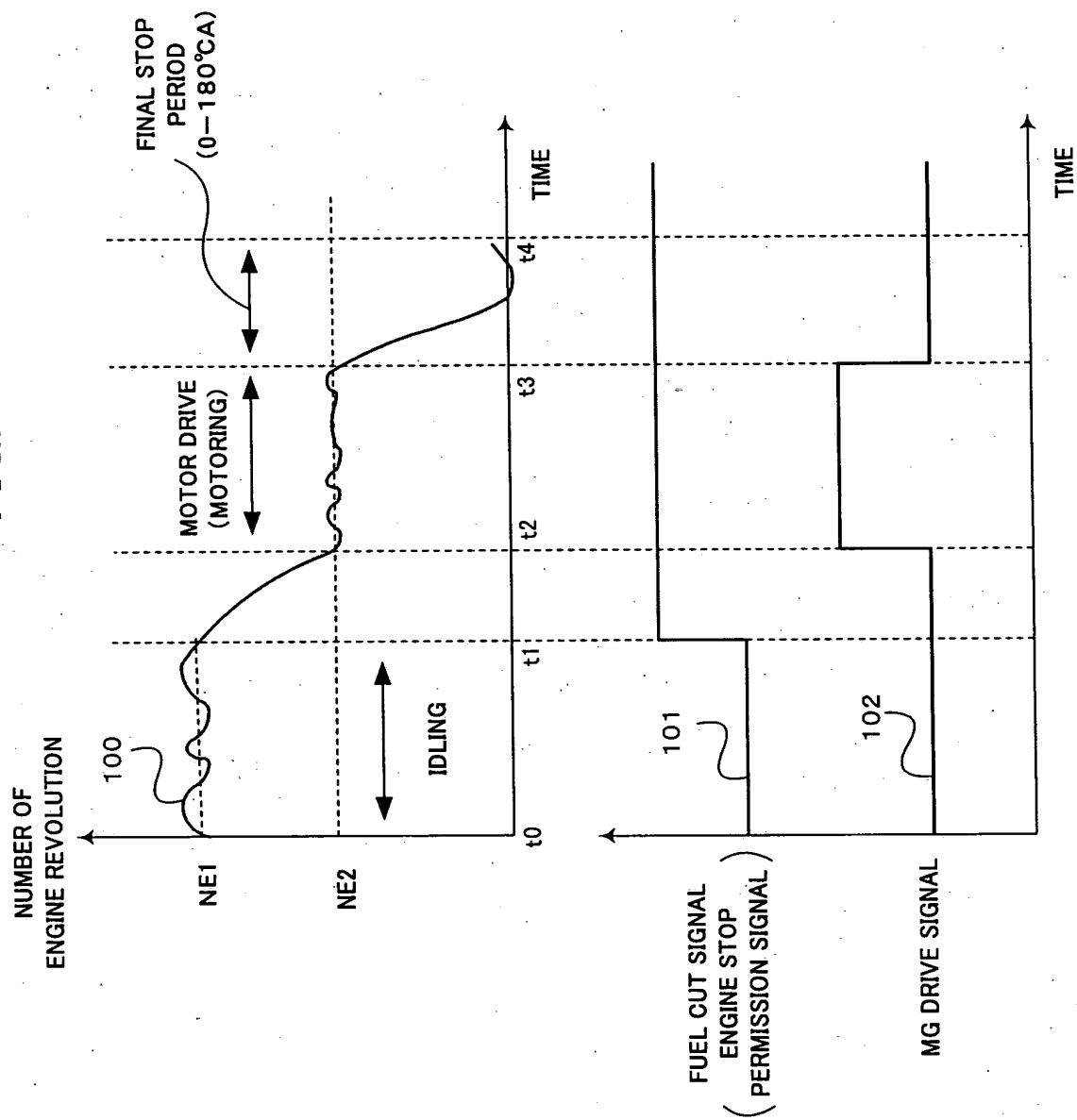


FIG. 6

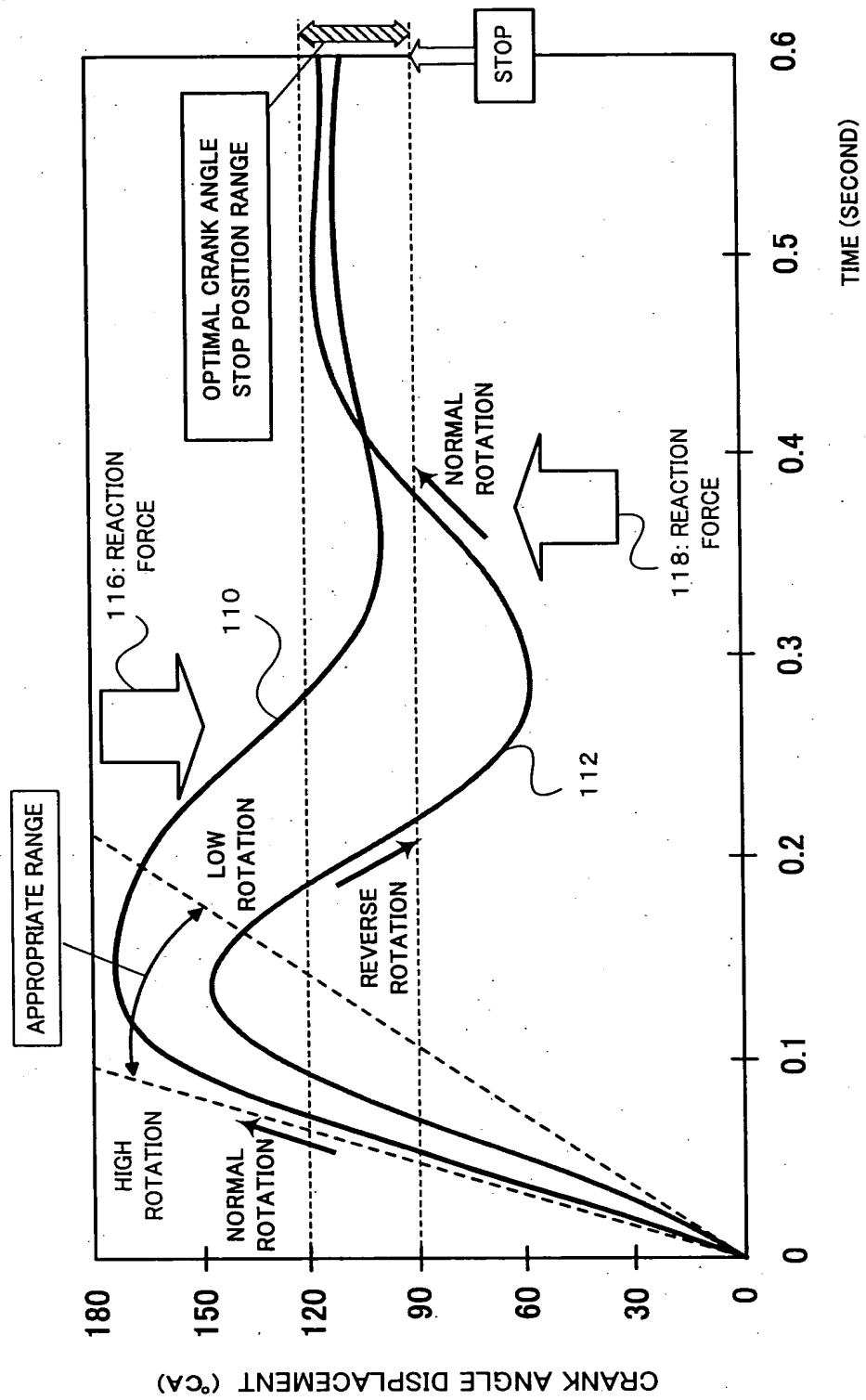


FIG. 7

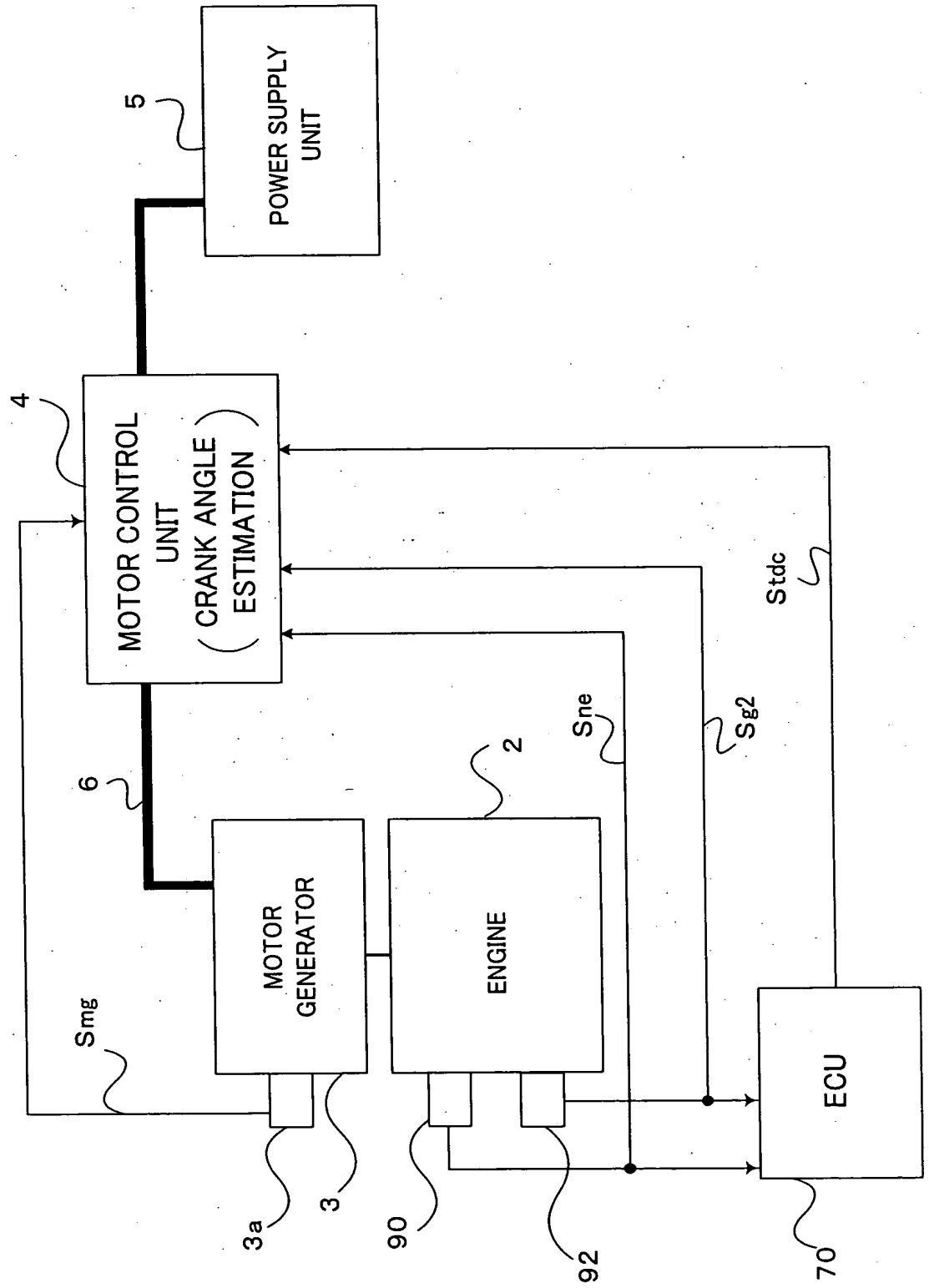


FIG. 8

	ABSOLUTE CRANK ANGLE	ACCURACY (RESOLUTION)	CYLINDER DISCRIMINATION	TDC DISCRIMINATION	REVERSE ROTATION DETECTION	AT TIME OF LOW REVOLUTION NUMBER
MG POSITION SIGNAL	x [BELT SLIP]	3°CA	x	x	O	O
NE SIGNAL	O	30°CA	x	x	x	x (O)
G2 SIGNAL	Δ [VVT DEVIATION]	720°CA	O	x	x	x (O)
TDC SIGNAL	O	360°CA	x	O	x	x (O)

* CASE OF MRE IS GIVEN IN ()

FIG. 9A

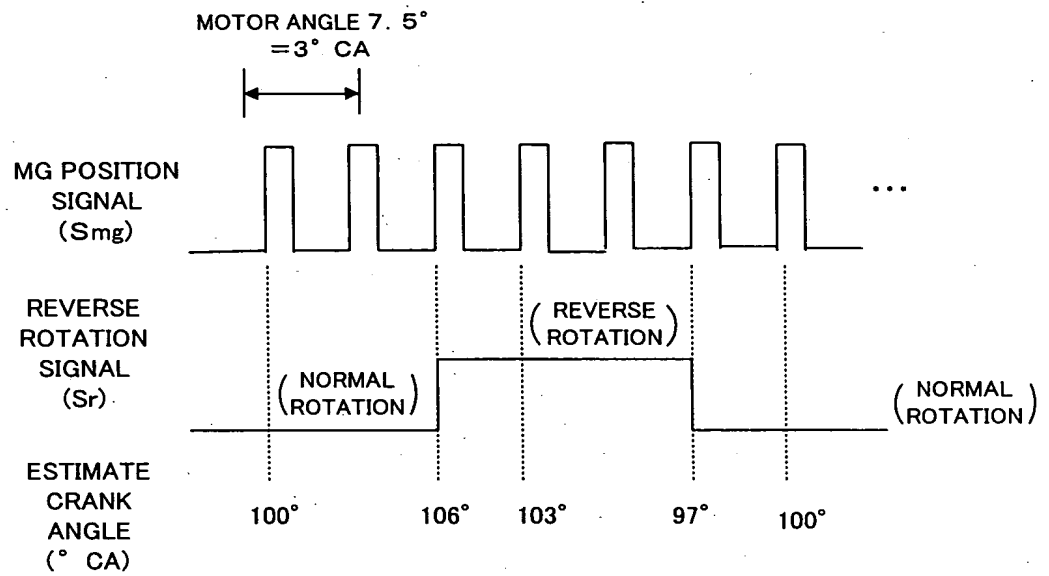


FIG. 9B

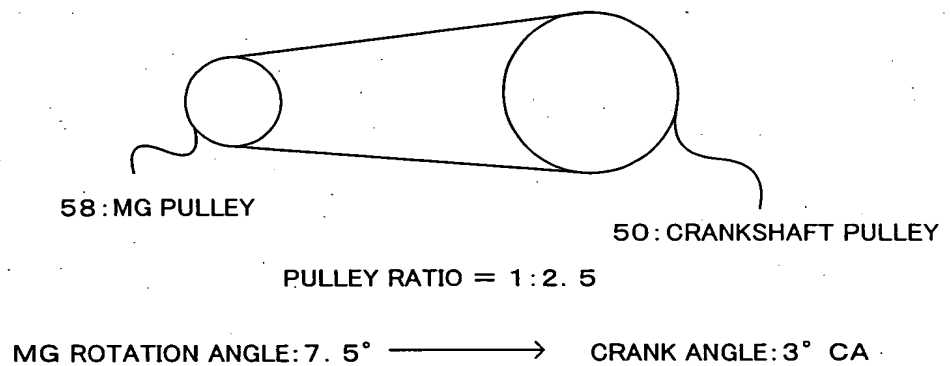


FIG. 10

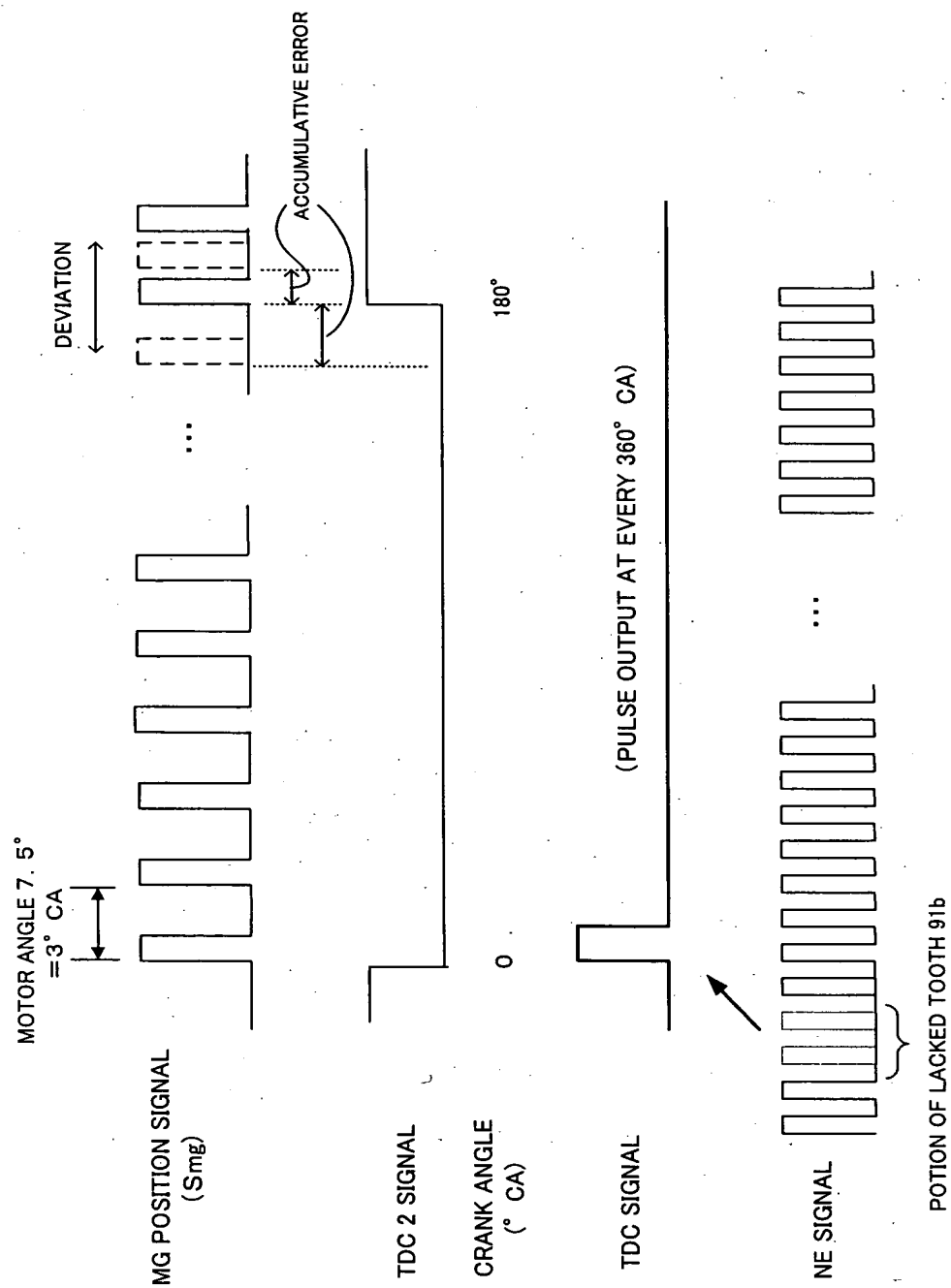


FIG. 11

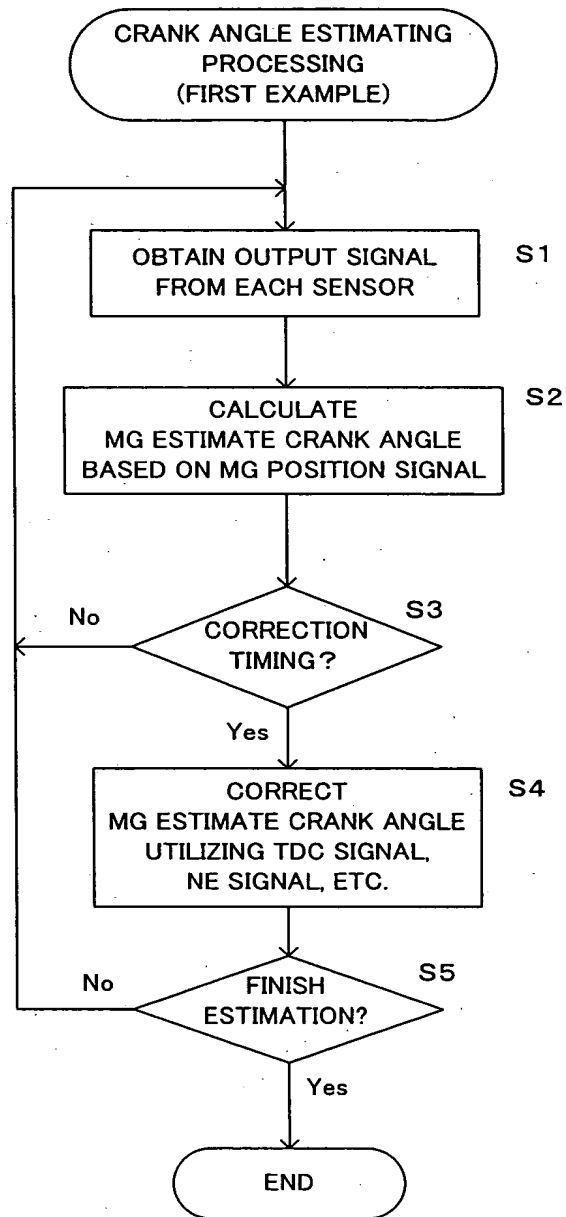


FIG. 12

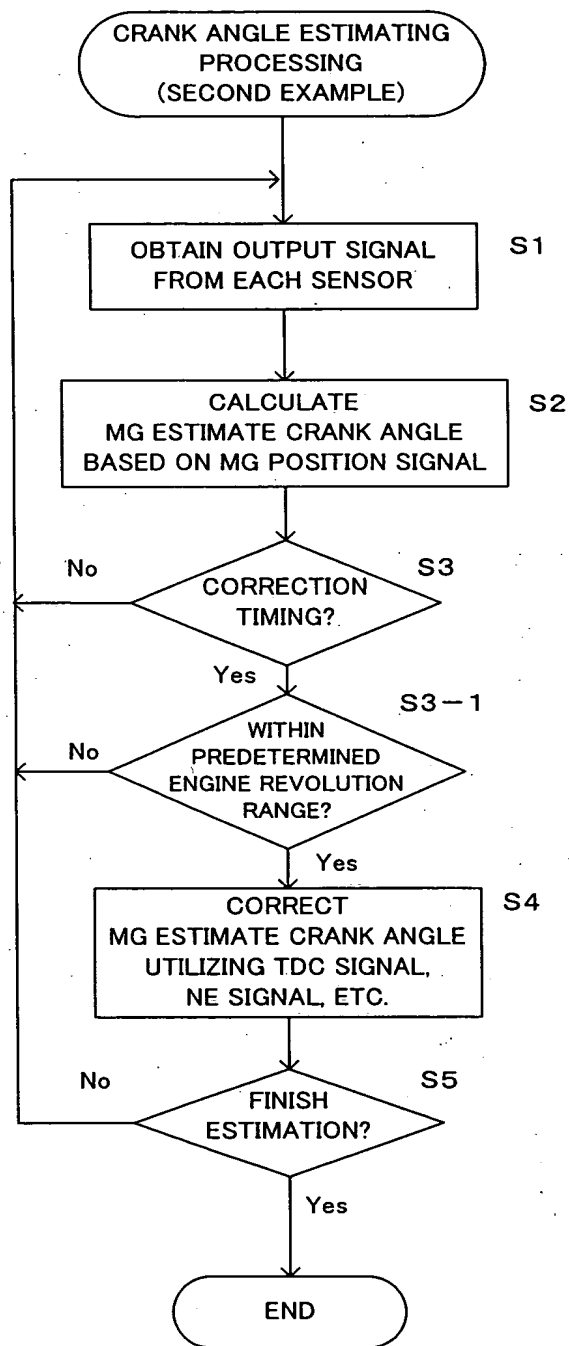


FIG. 13

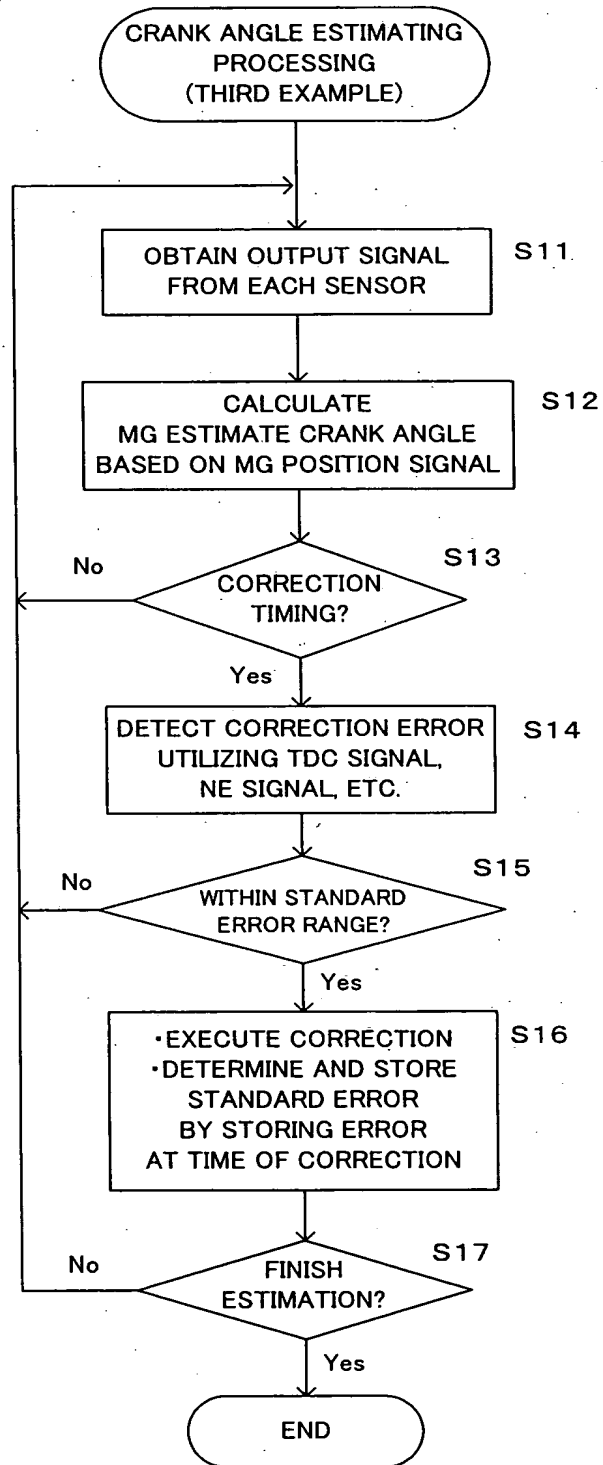


FIG. 14

